



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/114,027 07/10/98 YLITALO

C 53092USA8A

PHILIP Y DAHL
3M OFFICE OF INTELL PROPERTY COUNSEL
P O BOX 33427
ST PAUL MN 55133-3427

IM62/0926

EXAMINER

ZIRKER, D

ART UNIT	PAPER NUMBER
----------	--------------

1771

DATE MAILED:

09/26/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

Applicant(s)

Examiner

Group Art Unit

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE -3- MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on 8/1/00
- ☒ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-20 is/are pending in the application.
- Of the above claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 1-20 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
- ☐ received in Application No. (Series Code/Serial Number) _____.
- ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

*Certified copies not received: _____

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☐ Interview Summary, PTO-413
- ☐ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Other _____

Office Action Summary

Art Unit: 1771

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

2. Claims 1, 2, 7-10, 15 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over either of J.P. Derwent ~~4~~ Abstracts '060 or ^{'059} ~~4~~, substantially for the reasons set forth in Paragraph Nos 3 and 5 of Paper No.5, together with the following additional observations. More particularly, applicants remarks concerning the various references are seriously flawed in several places. For example, his contention (Response, pg 1) that the '060 reference fails to disclose a pressure sensitive adhesive is incorrect, i.e., "self adhesive" is a standard term used for "pressure sensitive adhesive" in the foreign adhesive literature. Additionally, the reference teaches the suitability of "ethylele/butadiene" and/or "polybutadiene rubbers" as the thermoplastic resin component, clearly reading on applicants disclosure (spec, pg 3, lines 8-10) of preferred thermoplastic compounds. The '059 reference teaches that the thermoplastic polymer can be based upon "styrene monomer", again taught as a "suitable thermoplastic polymer" at pg 3, lines 12-13 of the specification, despite applicants' insinuations to the contrary (Response, pg 2, third paragraph). Finally, as to the argument that the '060 and '059 reference each fail to teach a "cured epoxy", it must be noted that for purpose of an obviousness rejection the presence of a thermal hardening agent which is an epoxy compound ('059), or a "curing agent" for the thermosetting resin, which resin can be an epoxy resin of '060 is each believed to put the claimed concept of a "cured epoxy" well within the ordinary skill of the art, particularly in view of applicants' disclosure .

Art Unit: 1771

3. Claims 3-6, 11-13 and 17-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over either J.P. Derwent Abstracts '060 or '-59, each taken in view of Kieffer et al. The references are again relied upon as set forth in Paragraph No. 6 of Paper 5, together with the additional comments as set forth above. Applicants have not rebutted the prima facie case.

4. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

DANIEL ZIRKER
PRIMARY EXAMINER
GROUP 1800-
1700

Daniel Zinker